DATARADIO®

TRUSTED WIRELESS DATA

MSC
MULTI-SITE CONTROLLER

MSC-L, MSC-L/HA

The Dataradio Multi-Site Controller (MSC) is the Wide Area Network controller of a Dataradio mobile data system. If your private mobile computing needs include Wide Area Network capabilities, you need an MSC. It's a powerful, flexible network solution that can handle up to 5,000 vehicles in a large geographic area. Because the MSC makes a multi-tower system look like a single-tower network, it locates mobiles, manages traffic, and ensures the highest possible data throughput.

FEATURES

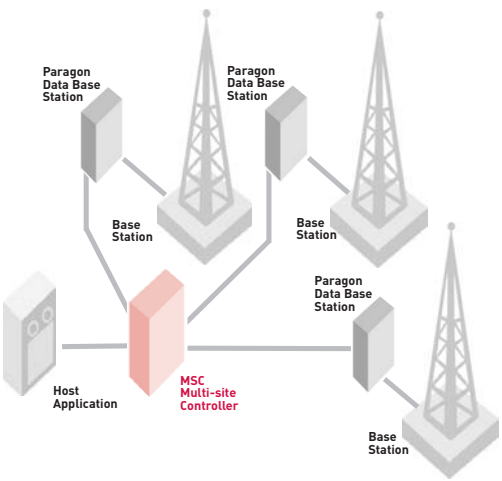
- Adds Wide Area Network capabilities to networks
- Efficiently manages frequency reuse and overlapping coverage
- Automatically tracks roaming mobiles
- Compatible with Dataradio DMP single tower software
- TCP/IP LAN interface available
- Supports multiple independent host connections
- Network management statistics
- One-year limited factory warranty

DATARADIO MULTI-SITE CONTROLLER (MSC)

Wide area networking of private mobile data networks is becoming more common. Networks require an effective combination of overlapping coverage with timely and accurate routing of messages. The Dataradio MSC was designed to provide the most efficient control of wide area networks to enable maximum frequency usage. This becomes important when dealing with a variety of (or lack of) frequency resources.

Over time, an organization may need to expand their wide area network. The MSC is highly modular, making it possible to add towers and additional host locations as well as new or reused channels. Dataradio's MSC is designed to be a investment in a long term mobile data program.

SYSTEM DIAGRAM



ООО "ДатаРадио" - официальный представитель в России
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GENERAL

- Size: 19" W x 8.75" H x 23.7" D (including rack mount)
- Operating Temperature Range: 0^0 C to 60^0 C
- 1.44 MB 3.5" HD floppy disk (file transfer and firmware upgrades)
- Internal hard disk drive

I/O PORTS

- VGA Video
- Keyboard (IBM PC/AT style)
- IEEE Ethernet LAN for up to 4 host or diagnostic IP connections
- 4, 8, or 16 serial ports (RS-232) for host towers

POWER

- Dual input 90V-135V/180V-270V AC 44-63 Hz with EMI/RFI filtering and keylock switch
- Dual redundant power supply (Each supply 270 W)

MISCELLANEOUS

- Real-time clock/calendar
- Watchdog timer (resets unit in case of malfunction)
- Y2K Compliant Bios
- 56K modem for remote dial-up
- 10/100 Mbs ethernet connection speed
- 10" SVGA color monitor
- Internally-mounted single board computer
- Keylock for reset, power switches, keyboard lock, and floppy drive bay
- Cooling fans

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